

1. (currently amended) A rotary orbital sander, comprising:

a motor having a rotatable shaft with a radially off-set portion;

a suction housing mounted to the motor, around said motor shaft and connectable with a vacuum source,

a sanding pad assembly mounted to the radially off-set portion of said shaft and adapted for rotation therewith;

said sanding pad assembly further including a backing pad having a plurality of apertures therethrough and an annular frame having a circumferential side wall including first and second circumferential edges and disposed between said suction housing and said ~~sanding pad assembly~~ backing pad;

a circular back wall extending generally radially inward from one of said circumferential edges and having an opening therein sealable with said suction housing; and the other of said circumferential edges being attached to said backing pad.

2. (original) The rotary orbital sander of claim 1, including a plurality of radially disposed ribs extending generally from said circumferential side wall to a like plurality of leg members disposed about said opening in said circular back wall, stiffening said sanding pad assembly and backing pad.

3. (original) The rotary orbital sander of claim 1, wherein said sanding pad assembly further includes a sanding disk having a size and shape complimentary to said sanding pad, and a plurality of holes for alignment with the said apertures in said backing pad.